



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Scholar Search](#)  
[Scholar Preferences](#)  
[Scholar Help](#)

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

**Scholar** [All articles](#) - [Recent articles](#) Results 1 - 10 of about 33,000 for [volume](#) and [image](#) and [axis](#)  
 Tip: Looking for pictures? Try [Google Images](#)

### [Three dimensional OCT images from retina and skin - all 7 versions »](#)

A Podoleanu, J Rogers, D Jackson, S Dunne - Optics Express, 2000 - [opticsinfobase.org](#)  
 ... Volume size: 5 mm x 4 mm x 1 mm (air ... Transversal OCT images at different positions in depth in the finger ... 4. An en-face image of the epidermis is displayed for ...  
[Cited by 88](#) - [Related Articles](#) - [Web Search](#)

### [Visualization of 3D ultrasound data - all 7 versions »](#)

TR Nelson, TT Elvins - Computer Graphics and Applications, IEEE, 1993 - [ieeexplore.ieee.org](#)  
 ... the gradient at a point in a volume to approximate ... angular viewing separation between the two images is 5 ... additional depth cues when viewed as a stereo image. ...  
[Cited by 64](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [Frequency domain volume rendering - all 11 versions »](#)

T Totsuka, M Levoy - Proceedings of the 20th annual conference on Computer ..., 1993 - [portal.acm.org](#)  
 ... The resulting images can be generated an order of magnitude faster ... is traversed: along each ray cast from the image plane or ... X, Y, and Z axis of the volume data ...  
[Cited by 154](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [3-Draw: a tool for designing 3D shapes - all 8 versions »](#)

E Sachs, A Roberts, D Stoops, C MIT - Computer Graphics and Applications, IEEE, 1991 - [ieeexplore.ieee.org](#)  
 ... articles covering intensity and range images, edge detection ... based and model-based image analysis, object ... This volume discusses image capture, enhancement, and ...  
[Cited by 207](#) - [Related Articles](#) - [Web Search](#)

### [\[PDF\] ... surface shape in volume data via principal direction-driven 3D line integral convolution - all 11 versions »](#)

V Interrante - Proceedings of SIGGRAPH, 1997 - [www-users.cs.umn.edu](#)  
 ... solid texture is applied to the volume data shown in ... Nevertheless, the image of the texture on each isosurface ... These images depict a series of level surfaces of ...  
[Cited by 137](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### [Investigating 3D geometry of porous media from high resolution images - all 4 versions »](#)

WB Lindquist, A Venkatarangan - Physics and Chemistry of the Earth, Part A, 1999 - Elsevier  
 ... size and nodal pore volume obtained for a 1.53 mm<sup>3</sup> volume of Fontainebleau ... 2 Image Segmentation CAT and LSCM images of porous media are grey scale tm- ages ...  
[Cited by 53](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [An advanced off-axis holographic particle image velocimetry \(HPIV\) system - all 6 versions »](#)

Y Pu, H Meng - Experiments in Fluids, 2000 - Springer  
 ... appears impractical for high-resolution, large-volume off-axis ... are usually over 100 Gbytes of 3D image data per ... only for high- density particle images and are ...  
[Cited by 53](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [Real time 3D fluorescence microscopy by two beam interference illumination - all 5 versions »](#)